

OPTIONAL INFORMATION	
Name of School:	Date of Inspection:
Vocational Program/Course/Room:	Signature of Inspector:

## NOISE SELF INSPECTION CHECKLIST

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**Guidelines:** This checklist covers the regulations issued by the U.S. Department of Labor - OSHA under the General Industry standard 29 CFR 1910.95 which was adopted by reference. For noise exposure at constructions sites, please use the checklist entitled "Noise, Radiation and Other Exposures for Construction." These regulations are designed to protect noise exposed people from hearing loss. The regulations are not designed to cover nuisance noise exposure (e.g. ambient noise, road traffic, etc.). It applies to situations where noise levels equal or exceed 85 dba as an eight-hour time-weighted-average. Definitions of underlined terms are provided at the end of the checklist to help you understand some of the questions. **The questions that are most likely not the responsibility of the individual teacher are marked with an asterisk (\*) next to the number of the question.** Questions marked with the symbol (☞) may require the help of an outside expert.

Noise generating operations, processes and equipment to which people are exposed may cause possible hearing loss depending on the intensity and duration of exposure. Noisy machinery does not automatically mean a problem exists. As a general rule of thumb, if normal conversation is difficult between two individuals standing at arms length, further investigation is warranted. If noise problems are suspected, a formal evaluation by a qualified individual, such as an industrial hygienist, is recommended to determine compliance. The questions below provide general guidance in evaluating your shop/classroom.

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| 1.*☞ Have all noisy operations or equipment believed to be too high been measured to determine their noise levels? [29 CFR 1910.95(d)]   | Y N N/A DK |
| 2.*☞ If operations or equipment noise level measurements exceed 85 <u>dBA</u> , has personal noise dosimetry been performed on exposed students/teachers to determine their <u>eight-hour time-weighted-averages</u> ? [29 CFR 1910.95(d)] | Y N N/A DK |
| 3.* Does the school administer a continuing, effective hearing conservation program when noise exposures equal or exceed an <u>8-hour time-weighted-average</u> of 85 <u>dBA</u> ? [29 CFR 1910.95(c)]                                     | Y N N/A DK |
| 4.* Are hearing protectors made available at no cost to all students/teachers who are exposed to noise levels equal to or above 85 <u>dBA</u> as an <u>eight-hour time-weighted-average</u> ? [29 CFR 1910.95(i)]                          | Y N N/A DK |
| 5.*☞ Have engineering or administrative controls been used to reduce operation or equipment noise levels below 90 <u>dBA</u> as an <u>eight-hour time-weighted-average</u> ? [29 CFR 1910.95(b)]   | Y N N/A DK |
| 6.* Are noise measurements repeated whenever there is a change in operations or equipment which may have an impact upon noise levels? [29 CFR 1910.95(d)]  | Y N N/A DK |
| 7. Are students/teachers permitted to observe noise measurements? [29 CFR 1910.95(f)]  | Y N N/A DK |

Comments/Corrective Action

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| 8.*  | Are students/teachers notified of noise monitoring results when they indicate noise levels equal to or above 85 <u>dBA</u> as an <u>eight-hour time-weighted-average</u> ? [29 CFR 1910.95(e)]   | Y | N | N/A | DK |
| 9.*  | Are hearing protectors evaluated to verify if noise levels are reduced to below 85 dBA as an <u>8-hour time-weighted-average</u> ? [29 CFR 1910.95(j)]   | Y | N | N/A | DK |
| 10.* | Are noise measurement records maintained for at least two years? [29 CFR 1910.95(m)(3)]  | Y | N | N/A | DK |
| 11.* | Are student/teacher audiometric test records maintained for the duration of matriculation or employment? [29 CFR 1910.95(m)]   | Y | N | N/A | DK |
| 12.  | Is a copy of the OSHA noise standard made available to students/teachers with a copy posted in the classroom or work area? [29 CFR 1910.95(l)]   | Y | N | N/A | DK |
| 13.* | If noise measurements indicate an <u>eight-hour time-weighted-average</u> of 85 <u>dBA</u> or greater, is a training program given that covers the effects of noise on hearing; the purpose of hearing protection and how to use it; and the purpose of audiometric testing? [29 CFR 1910.95(k)] | Y | N | N/A | DK |
| 14.* | If noise measurements indicate an <u>eight-hour time-weighted-average</u> of 85 <u>dBA</u> or greater, are baseline and annual audiometric tests given at no cost to students/teachers using properly calibrated testing equipment? [Paragraphs (g) and (h)]                                     | Y | N | N/A | DK |

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| 15.* Are audiometric tests preceded by at least 14 hours of non-vocational or occupational noise exposure? [29 CFR 1910.95(g)(5)(iii)]  | Y N N/A DK |
| 16.* Are audiometric tests conducted by a licensed or certified audiologist; otolaryngologist or other physician; or by a technician who is certified by the Council of Accreditation in Occupational Hearing Conservation or who has demonstrated competence in administering audiometric tests? [29 CFR 1910.95(g)] | Y N N/A DK |
| 17.* Are all students/teachers exposed equal to or above 85 <u>dBA</u> as based upon an <u>eight-hour time-weighted-average</u> provided with hearing conservation training initially and annually thereafter? [29 CFR 1910.95(k)]  | Y N N/A DK |

Definitions:

8-hour time-weighted-average means an average exposure weighted to account for time and changing noise levels throughout an 8-hour day.

Administrative Controls means reducing the period of personal noise exposure by job rotation such that the eight-hour time-weighted-average noise level does not exceed permissible limits.

dBA means noise levels in decibels with a weighting factor imposed to simulate how humans hear noise levels at different frequencies.

Comments/Corrective Action
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Sources of Additional Information:

*Industrial Noise Control Manual*, DHHS (NIOSH) Pub. No. 79-117, Cincinnati: U.S. Department of Health, Education and Welfare, Public Health Service, Centers for Disease Control, National Institute for Occupational Safety and Health, 1978.

*Noise Control - A Guide for Employers*, OSHA Publication 3048, Washington: US Department of Labor-Occupational Safety and Health Administration, 1980.

Olishifski, Julian B. and Harford, Earl R., *Industrial Noise and Hearing Conservation*, National Safety Council, Chicago, IL, 1975.

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